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(54) Pneumatic flotation separation device

(57) A separating device (10) especially for use in a pneumatic flotation system comprises an annular channel (18), at least one nozzle (16) for introducing aerated pulp substantially horizontally and tangentially into the annular channel (18), froth extraction means (26) for the removal of separated froth from the annular channel

(18), and pulp extraction means (24) for the removal of separated pulp from the annular channel (18), the at least one nozzle (16) being configured so that the aerated pulp introduced into the annular channel (18) rotates therein with centrifugal forces of between 5 and 20 ms^{-2} .

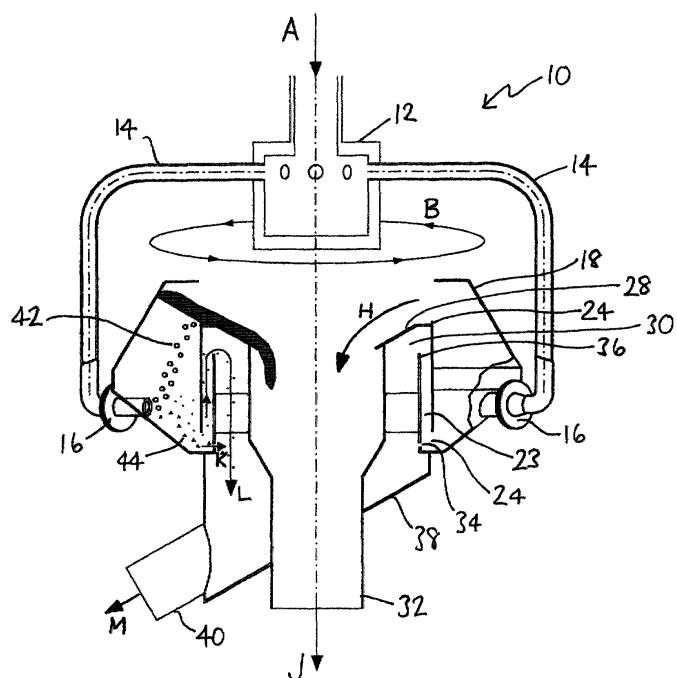


FIGURE 2



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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	16 November 2001	Van der Zee, W	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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